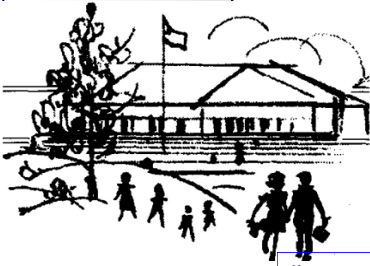


September 2018

Graham County School News



Graham County School Superintendent

Donna M. McGaughey

Volume 14, Issue 9

"Providing Quality Service and Support to Graham County Schools"

Please visit our website
www.graham.az.gov

Superintendent's Message

Graham County schools got off to a great start last month. In addition to the teachers, paraprofessionals and administrators, we are fortunate to have so many dedicated employees who are integral to the education of our students. Our maintenance and transportation personnel work hard to keep our buildings, buses and vans in tip-top shape. Getting our students to school safely and on time is a huge endeavor and when you think about the logistics, it is quite a feat! We also appreciate the staff members who prepare and deliver nutritious meals to thousands of kids, which is another enormous task that often goes under the radar. Finally, I want to give thanks to the dozens of front office employees who multi-task like no others. Greeting the public, answering phones, assessing and meeting the needs of teachers and students can be quite chaotic, but I see complete calm and efficiency when I walk through our school offices. Thank you for the great support you give our schools.

We have already begun our professional development, teacher and student support activities for the year. On Aug. 29th we offered our first of six New Teacher Coalition meetings. With the generous support from the United Way of Graham and Greenlee Counties, we are helping the new teachers in our two counties get off to a good start. We are offering classroom management strategies, technology tips, networking with peers from different school districts and much more. Our Math 20/20 for kindergarten and grades 7/8 will begin later this month. We have a lot going on, and I look forward to providing quality service and support to our schools and to our educators! Have a great month.

Contact us!

Donna McGaughey,
Graham County School
Superintendent

921 Thatcher Blvd.
Safford, AZ 85546
928-428-2880
Fax: 928-428-8824
dmcgaughey@graham.az.gov

Nola Knight, Chief Deputy
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928-428-2880

Mandi Moffett, Deputy clerk
mmoffett@graham.az.gov
928-428-2880

Hours: Monday—Thursday
7:00 a.m.—6:00 p.m.
Closed Fridays

LET ME
BE
GREAT

Dates to Remember:

- Sept. 3**—Labor Day (The Graham County General Services will be closed.)
- Sept. 5-7**—Arizona School Boards Association Law Conference
- Sept. 12**—Eastern Arizona Science Initiative (E.A.S.I.) meeting at Discovery Park 4:00—5:00 p.m.
- Sept. 13-15**—Arizona Rural Schools Conference—Flagstaff
- Sept. 20**—Math 20/20 training for kindergarten teachers
- Sept. 20**—Graham/Greenlee Substance Abuse Awareness Conference at EAC
- Sept. 24**—Graham/Greenlee Superintendents meeting—Solomon
- Sept. 26**—New Teacher Coalition meeting **Sept. 28**—Math 20/20 training for grade 7/8 teachers

Graham County Fair Information! ***“Passport to Fun”***

To all Teachers and Staff,

It's that time again for the Graham County Fair! Our theme for this year is “Passport to Fun.” We hope all students will participate with an entry, because we love seeing their work and their creative ideas. I will need a total individual entry count from each teacher/class with entries so I can leave the correct number of student ticket vouchers. These vouchers can only be used on Friday, October 12, 2018.

*We will have the **ShoWorks** entry forms available online (keep in mind that some of the lot numbers/depts. are different), please make sure to put the school name and include the student's age. In order for the students to receive their premiums we need the correct information on the online entry form. Once you have uploaded their entries, I can print the tags and drop them off at the school. The Graham County Fair Office would like all entries online, as this streamlines the process. I will be picking up ALL items entered along with their attached tags on 9/27/18.*

We hope that ALL schools participate! I have listed the schools where I will drop off tags and pick up items, if I forgot one please call me and I will add you in. Schools are listed below:

Mt. Turnbull Elementary
Solomon Elementary
Dorothy Stinson
Lafe Nelson
Ruth Powell
Triumphant Learning Center
Thatcher Elementary
Thatcher Primary
Pima Elementary
Dan Hinton
Ft. Thomas Elementary
Discovery Plus Academy
Bonita Elementary

Monday, October 8th - Building #2 will be open from 1 PM- 5 PM for Class Displays to be put up, Call 428-6240 to reserve a space, otherwise spaces are on a first come, first served basis.

(Class displays do NOT need an entry form; only individual student entries need a form).

ANNUAL FAIR PARADE.....OCTOBER 12TH @ 10 AM
\$200 prize to Best Elementary & Jr. High Float

Check www.grahamcountyfair.com for online entry form, rules, and other info.

All fair entries will be judged and awarded by 12 noon on Thursday, Come see how your entry did!

Email any questions to me, Chelsea Nelson, at CNelson@graham.az.gov

Finding quality child care for your young child

For the majority of Arizona families, all the adults in the home work outside the home. That leaves many parents with young children with an important decision to make. How does a parent find a quality child care center or preschool for their young child?

This question is even more important as evidence grows that high-quality early learning settings build a foundation for a child's later success. Research shows 90 percent of a child's brain develops before age 5. The positive, nurturing relationships young kids have with adults, from parents to child care and early learning professionals, shape their learning now and throughout their lives. Quality child care and preschool settings help children develop skills like motivation, self-control, focus and self-esteem that are crucial to their success now and once they enter school.

How can families know what a quality early learning setting looks like? First Things First (FTF) can help with some resources to make the search a little easier.

First, visit the child care center or home-based program in person and take the [Quality Child Care checklist](#) with you to help. The checklist includes questions such as asking about the teachers' qualifications the ratio of teachers to students.

There are also things to observe at the visit, such as watching for positive, nurturing teacher/child interactions including the teachers making eye contact with the children, smiling and listening without interrupting.

Look for places that build on basic health and safety to include:

- teachers and caregivers who know how to work with infants, toddlers and preschoolers.
- learning environments that encourage creativity and imaginative play.
- hands-on activities that stimulate and encourage positive brain connections in children.
- caregivers who provide regular feedback to parents on the development of their child.

In many Arizona communities, families can also search for programs enrolled in Quality First. As FTF's signature program, Quality First partners with almost 1,000 child care providers and preschools in Arizona to improve the quality of care for children birth to age 5. Over the past six years, the percentage of programs meeting or exceeding evidence-based quality standards has increased from 25 percent to 74 percent.

Through QualityFirstAZ.com, Quality First also provides families with information about the importance of quality in child care and early education; what quality looks like in order to promote learning; and tools to help families find quality child care or preschool programs in their area. And in some cases, a scholarship may be available for the child to attend.

Continued on pg. 4

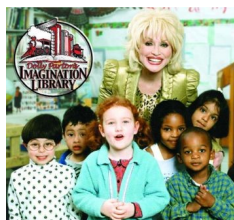
FIRST THINGS FIRST

There's an online [search tool](#) available where families can check if there are centers, homes or preschools participating in Quality First in their area. Keep in mind, that Quality First is a voluntary program for child care centers and preschools and FTF does not have the capacity to enroll all providers in Arizona who are interested in participating. There are many quality programs in Arizona not enrolled in Quality First.

For more tips to help with their search for quality child care and preschools visit QualityFirstAZ.com.

###

About First Things First – First Things First is a voter-created, statewide organization that funds early education and health programs to help kids be successful once they enter kindergarten. Decisions about how those funds are spent are made by local councils staffed by community volunteers. To learn more, visit FirstThingsFirst.org.



Dolly Parton's Imagination Library

Free Gift to Our Children!

Since 2001, Dolly Parton's Imagination Library has put free books in the hands of young children across the nation. We now have an Imagination Library in our community. If you're a resident of Graham or Greenlee county, you can receive free books mailed to your home each

month.

Who is Eligible?

Preschool children (birth until their fifth birthday) of Graham or Greenlee County.

What Are My Responsibilities?

1. Be a resident of Graham or Greenlee Counties.
2. Submit an official registration form, completely filled out by parent or guardian (forms must be approved and on file with Friends of the Safford City-Graham County Library) or [REGISTER ONLINE](#)
3. Notify Friends of the Safford City-Graham County Library any time your address changes. Books are mailed to the address on the official registration form. If the child's address changes, you must contact your friends at the address below in order to continue receiving books.
4. Read with your child.

When Will I Receive Books?

Eight to ten weeks after your registration form has been received, books will begin arriving at your home and will continue as long as the grant funding is available to the Safford Library. We hope that this is until your child turns five or you move out of Graham or Greenlee County.

QUESTIONS?

Contact our Imagination Library Coordinator @ (928) 432-4155. It sounds almost too good to be true! But by reading regularly to your children during their preschool years, you are giving them the biggest boost toward a successful education they will ever get.

The Imagination Library Project is brought to you by First Things First (www.azftf.gov) and the Safford Friends of the Library.



Arizona Department of Education Exceptional Student Services

Presents

2018-2019 AT Superhero Academy

Assistive Technology Regional Academies

The "Write" Stuff

Come and learn about tools and strategies to help struggling writers of all ages. Both motor aspects and composition will be discussed.

I Can't Read That!

We will take a look at barriers some students encounter, accessible educational materials, and tools that can help your student(s) be more successful and independent.

AT is in the mATH - Get ready to calculATe

This training will provide an overview of tools and strategies to support all students in accessing and benefiting from the mATH curriculum. Come to this training to calculATe your student's mATH support needs.

Times: 1:00 PM-4:00 PM

September- Central Arizona

- 9/18: Phoenix Union- Math
- 9/19: Kyrene School District- Reading
- 9/20: Higley USD- Writing

October- Northern Arizona

- 10/23: ADE Flagstaff Office- Math
- 10/24: ADE Flagstaff Office - Reading
- 10/25: ADE Flagstaff Office- Writing

November- Northern Arizona

- Bullhead City - dates and locations- TBD

December- Southern Arizona

- 12/4: Academies of Math and Science - Math
- 12/5: Tucson USD - Reading and Writing

January- Southern Arizona

- 1/23: Sierra Vista USD - Math
- 1/24: JO Combs USD - Reading and Writing

February- Central Arizona

- 2/5: Littleton ESD - Reading
- 2/7: Higley USD - Math
- 2/20: Deer Valley USD - Writing

Be on the look out for additional information on dates, times, and registration! atinfo@azed.gov

Bruce, Janet, Mitch, Elida, and Janelle



Science Happens Here!

Local First Arizona, Freeport-McMoRan, the Arizona Rural Development Council, the Arizona SciTech Festival and the Graham County School Office are presenting **Science Happens Here** to advance STEM education in our community. Parents are encouraged to take their students to local businesses to collect trading cards. The cards, shown below, are designed to engage students with the science connected to the business. The students can learn more about STEM by gaining access to simple experiments found online using the website and code found on each card.



The following businesses are participating in this year's program. The class with the most participants will win a prize, which will be awarded early in the 2018-2019 school year. New cards have been added, so go get them! Thank you to the Arizona Science Center's Science on Wheels program for providing prizes!

Lee's Rite-Way
Trophies –N–Tees
Smith & Taylor Automotive
Indigo Mountain
The Hair Academy of Safford
Graham County Florist
Abacus Solutions
Carpet Tile and More
Cosmetology
Thank you businesses!

Genevieve's Market Place
Debbie's Craft Connection
Kempton Chevrolet
Bowman Consulting
Graham County Co-op
Richard's Music Company
Holladay's Photo Emporium
Cottage Bakery
Enchanted Boutique

A Step Back in Time
Sun Pumps
Curtis Landscape
Taylor Freeze
Hot Wheels Cyclery
CMI Quick Copy
The Plantation
Eastern Arizona Academy of
Casa Manana

League of Arizona Cities and Towns—2018 League Youth Program

Last month local students Dylan Crum and Kaitlyn Peabody from the Graham County STARS (Students Taking A Road to Success) represented our county at the annual Arizona League of Cities and Towns. Toni Palomino, the Graham County Health Program Coordinator with the Graham Alliance on Tobacco Education, provided the following pictures of our students exhibiting leadership skills as they greeted the council members, town and city managers and others during the League Youth Program. The students also had the opportunity to interact with other youth councils, colleges and vendors to learn the business of running a city.

Congratulations!



Rural Activation and Innovation Network



RAIN STEM

Grants are available for up to \$5,000.

STEM Grants!

Grants do not cover salaries, utilities or administrative costs, and must be an “extra-curricular”, weekend or summer event and not during the regular school day.

Please take advantage of the current Funding Cycles:

***Attention Graham & Greenlee County Teachers
and Community STEM Educators:***

**Do you have a GREAT idea for a sustainable STEM activity or event... but need help
with funding? The Rural Activation and Innovation Network (RAIN)
of Graham & Greenlee County can help!**

Led by Arizona State University and Arizona Science Center, RAIN (Rural Activation and Innovation Network) is funded by the National Science Foundation to help rural communities in Arizona collaborate on developing locally relevant learning experiences in science, technology, engineering and math (STEM). While there are many people in rural areas working on this issue, RAIN aims to bring individuals and organizations together into networks that can share resources and knowledge for learning and outreach.

For more information, Grant Application and Scoring Rubric go to: 4azrain.org

[Hover over “Rural Innovation Councils” and Click on “Graham/Greenlee Counties”](#)

United Way of Graham and Greenlee Counties

Education Grant Opportunities

Goal Statement:

The United Way of Graham & Greenlee counties recognizes that education 1) happens everywhere, 2) begins at birth and does not stop, and 3) is a collective community endeavor.

Objectives:

Improving school readiness for every child

The United Way will support activities that help prepare children from birth-to-4 years for successful entry into kindergarten.

Supporting efforts to ensure every student reads at grade level - especially by third grade

The United Way will support and collaborate with educators, agencies and partners who are working to address grade level reading for all grades.

Increasing student access to quality transitional programs

The United Way will support educators, entities and programs that address learning-loss or key transitional periods for students such as after school activities, summer programs and internship opportunities.

Supporting community and school district efforts with teacher retention and recruitment

The United Way will support school districts, businesses, governmental agencies and community development organizations to enhance teacher workforce recruitment and retention.

Providing direct support to teachers in the classroom by helping to cultivate innovative learning environments and approaches

The United Way will partner with schools and teachers to implement innovative approaches to help address 21st Century challenges.

Partnerships:

The United Way recognizes that community partnerships are essential to achieving these education objectives. Wherever possible, the United Way will seek to strengthen and broaden community partnerships for the purposes of leveraging resources, sharing of knowledge and expertise, and enhancing program impacts.

Apply Now!

Visit the United Way website at www.uwggc.com - Click on "How to Apply"

November 2nd for November Review

For questions related to the

For assistance with your grant, contact Paulette LeBlanc

pleblanc@aznex.net

They Did It!

Each month we list grant opportunities available both locally and from major corporations and philanthropic entities. The grants include those from Freeport-McMoRan, United Way of Graham and Greenlee Counties, Arizona Community Foundation and others such as Donors Choose. I am pleased to announce several teachers in Graham and Greenlee have been funded! I am not aware of **every** funded project, but I want to give kudos to those who have let me know about their success.

Becky Bell, Duncan High School

United Way—\$11,511.72

Microscopes

Linsey Bezrutch, Duncan Elementary

United Way, \$23,378.79

Chromebooks

Marci Flake and April Liggett, Solomon Elementary

United Way, \$4,747

ActivPanels

As I mentioned, I only know about the awards that are shared with me, so please let me know about your successes! I want to thank Paulette LeBlanc who does a tremendous job with her grant-writing sessions at SEATA. All of these awards are a direct result of taking those classes. Money is out there—let's go get it!!

AACSS - Graham County School

District Employees

Welcome to the Student Loan Relief Benefit

Fiducius

A Better Kind of Benefit



Register,
see if we
can help.



Schedule
your first
meeting.



Meet with
your student
loan advisor.



Receive your
custom plan
& save!

If loan forgiveness does not make sense for you, refinancing may be an option. Do not refinance your loans until you find out if PSLF makes sense for you FIRST. Doing so will make you ineligible for future student loan forgiveness.

Register

Start saving on your student loans using the registration code: graham

If you have questions regarding your code, please contact us at 513.645.5400.

Trying to understand all the possible ways to better manage your student loans is a daunting task. We are pleased to offer a new Loan Relief benefit from **Fiducius (formerly ISLoan Solutions)**. With their financial planning approach, the student loan Advisors at Fiducius help you navigate and determine your best option, including forgiveness, refinancing and consolidation.

It's easy to get started with this new benefit. You can determine your eligibility and potential savings in just a few minutes by visiting

<https://aacss-graham.myfiducius.com/register>



ISLoan Solutions is now Fiducius

Our name may have changed, but our commitment to helping you take control of your student loans with personalized financial planning is still the same!

You can learn more about us by visiting

www.getfiducius.com

*In 2007, Congress established the Public Service Loan Forgiveness (PSLF) program to help any not for profit, 501c3, or government agency employee reduce their federal student loan burden and incentivize them to stay in public service.

After learning about the program and reviewing your savings plan, if you choose to have Fiducius implement and manage the program on your behalf, there is a fee for service. Clients feel the fee is reasonable based on the education and savings they receive.

Living Our Best Lives as a Family

"Since teaming up with Fiducius, my life has changed drastically for the better! Having the stress and weight of roughly \$500 per month in student loan payments lifted has allowed my family to actually LIVE! We can pay our bills, fill our cupboards and fridge, go on family outings, eat out as a family and still have money left over."

Erin, Teacher, WI

Look what the good folks at E.A.S.I. have planned for you!



All teachers who teach STEM subjects are invited to join the Eastern Arizona Science Initiative, known as E.A.S.I. They have a wonderful slate of camps, professional development and meetings planned. This is the schedule, subject to slight changes, but use this to plan ahead.

Please let your fellow teachers know about the wonderful opportunities gained by joined E.A.S.I.! It's easy!

2018—2019 EASI Camps and Events Calendar:

Monthly Meetings – DPC Ranch House 4:00 p.m.—5:00 p.m. *(generally the second Wednesday of each month)*

	Wed. January 9, 2019	Wed. Aug. 14, 2019
Wed. September 12, 2018	Wed. February 13, 2019	Wed. Sept. 11, 2019
Wed. October 10, 2018	Wed. March 6, 2019	Wed. Oct. 9, 2019
Wed. November 14, 2018	Wed. April 10, 2019	Wed. Nov. 13, 2019
Wed. December 12, 2018	Wed. May 8, 2019	Wed. Dec. 11, 2019

Special Events/Activities:

EASI Saturday Science Camp	Saturday, Nov. 10, 2018
EASI GO (Girls Only) STEM Science Camp	Saturday, Jan. 26, 2019
Eastern Arizona Regional Science Fair	Thursday— Saturday, March 7-9, 2019
EASI Tonto Creek Camp	Tuesday— Friday, May 28-31, 2019
EASI High School Geology Camp	Monday—Thursday, June 17-20, 2019
EASI Summer Science Camp	Monday—Wednesday, June 24-26, 2019

Contact Jackie Madsen at Jackie.madsen@eac.edu
Or call the EAC Discovery Park Campus at 928-428-6260





Prepare Your Students for Real-World STEM with Dig Into Mining

In today's global economy, STEM skills are critical to success. Help your students prepare for the future job market with [Dig Into Mining: The Story of Copper](#). Our varied classroom resources are designed to ignite a sense of curiosity and exploration in your 6th - 12th grade students, while teaching and testing standards-aligned topics in STEM.

EXPLORE NOW

With relevant examples from today's copper industry, Dig Into Mining's educator tools make it easy to connect classroom learning to real-world STEM applications. For example, students can:

[Investigate](#) the patterns of natural resources around the globe

[Explore](#) how copper is used in electronic and hybrid vehicles

[Utilize](#) proportional relationships to determine the economic feasibility of a mine site

[Research](#) how microorganisms are used in the wastewater treatment process

[Identify](#) the physical boundaries of a mine using satellite geoimages

... and much more!

Discover more classroom extensions and teacher resources [here](#).

Extend the learning further with our exclusive [Dig Into Mining Virtual Field Trips](#). Stream on demand to give your students a behind-the-scenes look at a working copper mine and hear from Freeport-McMoRan professionals as they guide you through the mining process from planning to reclamation.

Follow [@DiscoveryEd](#) on Twitter and join the conversation using #DigIntoMining.





TEACHING THE NEW SOCIAL STUDIES STANDARDS WITH CONFIDENCE

Saturday, September 22, 2018

8:30 a.m. - Noon

UA South, Building C, 1140 Colombo Ave

SIERRA VISTA

This half-day professional development workshop for Middle and High School teachers will review selections from the middle and high school levels of the new draft Arizona History and Social Sciences Standards. We will include rich content and engaging lessons you can replicate in the classroom. The workshop will be taught by high-school economics and history teacher Megan Kirts. It will include:

- A comparison of the old and new standards
 - Fundamental economics concepts
- Personal finance and the economics of career paths
- International trade and the impact of policies and barriers on nations, businesses, and societies
 - The origins, costs and benefits of Social Security as revealed in primary source analysis
 - Online access to all the materials used in the workshop
 - A UA certificate for 3.5 professional development hours
 - And refreshments to fuel you through the morning!

This workshop is ideal for teachers of all branches of middle and high school social studies, with applications to World and US History, Geography, Civics/Government, Economics, and Financial Literacy.

Pre-Service teachers are welcome and encouraged to attend!

THERE IS NO FEE FOR THIS PROGRAM

but please register online at:

<https://oeer.arizona.edu/programs/current>

A program of University of Arizona Office of Economic Education

Cochise County Superintendent of Schools

UA-South Teacher Education

with funding from the Thomas R. Brown Foundation



Hey fourth graders! See America's natural wonders and historic sites for free.

Parents and guardians

Stay close to home, or travel somewhere new. This year's the perfect time for an unforgettable outing.

[Learn more](#)

Fourth graders

This is for you! Explore ancient dwellings. See a waterfall taller than a building.

[Get your pass](#)

Educators

Get passes, download our activity, or plan a life-changing field trip for your fourth-grade students.

[More Info](#)

Every Kid in a Park

You and your family get free access to hundreds of parks, lands, and waters for an entire year.

[How it works](#)



@everykidinapark



FEATURED STORY

Giving Our Two Cents on Financial Responsibility

Summer jobs are around the corner - what do your students know about finances and money management?

Does your school teach students about personal finance? We've got a few resources you can bank on to teach these all-important skills! Use videos from PBS Digital Studio's new show *Two Cents* to kick start an important conversation on

topics including debt, part-time jobs, grocery shopping, and your students' roles in the global economy. [Explore Collection](#)



Taxes--Where Does Your Money Go?

Grades: 9-13+

Summer jobs are just around the corner for many students, and questions about taxes will inevitably come up as many young earners receive their first paycheck: Why does the government tax citizens? Where does that money go and how much does each citizen pay in taxes? Explore all this and more in this lesson plan. [Discover More](#)



Estimating a Profit from a Job

Grades: 5-8

Estimation and rounding are practices adults use every day when making purchases. Help students explore these principals in this lesson plan. [Discover More](#)



Arthur: Money Math Activity

Grades: PreK-4

From lemonade stands to saving money from a birthday card, financial literacy starts young! Introduce young students to the value of different coins with sorting and math activities. [Discover More](#)

Standards Aligned Resources for Life Science & Biology



Shape of Life Grades: 6-12

Shape of Life is a series of short classroom videos that beautifully illustrate the evolution of the animal kingdom on planet Earth. These classroom videos are NGSS aligned with exquisite focus on diversity, biodiversity, adaptability, body structure, and design. [Discover More](#)



Healthy Oceans Grades: 6-10

What are some local actions we can take to protect our global ocean? In this Flipside Science unit, Healthy Oceans, students can dive into the issues affecting our oceanic resources and biodiversity. Using videos hosted by youth and accompanying activities, you can engage your students in learning about invasive species, coral bleaching, microplastics, and more. [Discover More](#)



Gulf Detectives Grades: 5-8

Gulf Detectives at Dauphin Island Sea Lab is an exciting opportunity for students to access beaches, coastal wetlands, Mobile Bay and the Gulf of Mexico without leaving their desks. This virtual laboratory and field experience is designed to increase students' knowledge of science and encourage interest in STEM subjects. [Discover More](#)



Professional Development

An Introduction to Underlying Principles and Research for Effective Literacy Instruction

Grades: PreK-8 | Hours: 45

Explore research-based instructional strategies which will improve your teaching practice. This course will help you explore best practices for phonemic awareness, phonics, and word recognition instruction to build student skills in vocabulary, comprehension, and fluency. [Explore Course](#)



Accomplished Science Teaching: Building Student Understanding

Grades: K-12 | Hours: 45 Through this course, learners focus on the evolution of student learning of science concepts. With an understanding of how science concepts build on each other, whether within a unit or grade or across grades, teachers can make well-informed instructional decisions and help students build their own understanding more efficiently. [Explore Course](#)

In an increasingly networked and visual culture, comic books and graphic novels are important tools for bolstering literacy, communicating with diverse audiences, and creating a space to discuss complex scientific and social topics in a meaningful and accessible way. With these goals in mind, our friends at Arizona State University's [Center for Science and the Imagination](#) created *Drawn Futures: Arizona 2045*, a science-based comic for 5th through 8th-grade students.

Created by award-winning comics creators, and advised by ASU senior sustainability scholar Dr. Paul Hirt, this original story envisions the near future of Arizona's energy systems. Through the eyes of two young protagonists, readers are exposed to cutting-edge technologies created to help the city adapt to persistent temperature increases. However, as the story progresses, it becomes apparent that there are deep ecological impacts behind even the most elegant solutions and that climate change is a messy, human problem that requires constant mindfulness, evaluation, and deliberation.

Drawn Futures: Arizona 2045 is supplemented by two nonfiction essays, aligns to strands 3, 4, and 5 in [Arizona's standards for the 6th grade science curriculum](#), and is available now as a [free digital download](#). Additionally, the Center for Science and the Imagination is awarding a limited number of classroom sets of *Drawn Futures* to interested educators. Please fill out this [short interest form](#) to be considered for these free resources.

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Our mailing address is:

ARIZONA PBS Educational Outreach

555 N Central Ave.

Suit 500

Phoenix, AZ 85004-1252





Did You Know? Logging in to PBS LearningMedia Gives You Instant Access to Extra Features!

Lesson Builder

Create and assign an interactive lesson in three short steps.
Use this workspace to create and assign lessons. Get started with a lesson template or create your own.
Questions? See the tutorial or read the help page.

Create a Lesson



Lesson Builder Tool

PBS LearningMedia has designed tools to make it easy for you to create engaging student assignments, personalize learning, and track student progress. Use the lesson builder to create and assign an interactive lesson in three short steps!

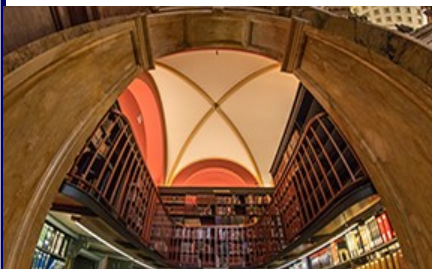
[Build a Lesson](#)



Integration with Clever

For classrooms using Clever's single sign-in tool: You and your students can log in to PBS LearningMedia anytime using your Clever credentials! Have your account administrator add PBS LearningMedia to your dashboard today: schools.clever.com/signup/pbs-learningmedia

[Integrate With Clever](#)



Teaching with Primary Sources from the Library of Congress Grades: 3-12 | Hours: 45

Take a course that will help you learn how to best utilize the amazing resources and materials housed in the Library of Congress! This course, put into practice, can help you foster student engagement, build critical thinking skills, and enhance knowledge construction. [Explore Course](#)



Integration with Schoology

Does your school use the Schoology LMS? Adding LearningMedia to your Schoology account through the App Center enables instant single-sign-on integration, allowing teachers at your school to log in to PBS LearningMedia with their Schoology accounts.

[Integrate With Schoology](#)



Little Women

Grades: 6-9

Introduce your students to the beloved classic “Little Women.” These resources include essays and teaching tips for an innovative way to access, understand, and analyze this piece of classic literature. [Discover More](#)



What Happens Under the Sea?

Standards Aligned Resources for Life Science & Biology

Take a deep dive into marine science with this new collection, bringing together content that follows the national standard for Biology and Life Sciences. You'll find valuable supplemental resources you can use to build engaging lessons on climate, ecosystems, natural selection, and more! [Explore Collection](#)



Poetry Everywhere

Grades: 7-12

Explore the power of language, look at the world with a fresh sense of wonder, and build reading and writing skills with these poetry resources. What better time that summer to discover your inner poet? [Discover More](#)



The Unspoken Rules of the Hiking Trail

From the well-traveled hikes at Glen Alps in Anchorage to the more elusive wilderness trails in Lake Clark National Park - Alaska is home to stunning hikes which attract visitors from around the world. See Alaska through the eyes of a local teacher - this blog post may inspire some impromptu summer plans! [Read More](#)

Arizona Geographic Alliance (AzGA)

Arizona State University | School of Geographical Sciences & Urban Planning | P O Box 875302 | Tempe, AZ 85287-5302 | cathy.davis@asu.edu | 480-965-5361 * fax 480-965-8313 <http://geoalliance.asu.edu/> | <https://www.facebook.com/geoalliance/>
976 S Forest Mall, Coor Bldg, Fifth Floor, Room 5677 (Zip 85281)

National Council of Teachers of Mathematics (NCTM)

<http://www.nctm.org/> - must be a member to access most resources.

<http://www.nctm.org/Grants/> for grants, scholarships & awards. Encouraged, but not required, to be a member. About 25 opportunities with deadlines to apply in 2018.

Observing Characteristics of Cultures

Description: In this lesson, students learn characteristics of culture by viewing images. Students will then create a photo essay reflecting on what they have observed and researched about a culture.

Author: Gale Olp Ekiss **Grade Range:** 8 and High School **Duration:** 2-3 class periods

[Teacher Instructions](#) [Student Worksheets, Assessments, and Answer Keys](#) [Power Point Presentation \(with slide titles\)](#) [Power Point Presentation \(no slide titles\)](#)

Supplemental Files: [Scavenger Hunt on Basic Elements of Culture](#) [Urban Scavenger Hunt](#) [Musical Instrument/Music Scavenger Hunt](#) [Cultural Diffusion Power Point Presentation](#)

New lesson!

Switch It Up! Scrambling States to Practice U.S. Geography and Identify Climates

Lesson Plan Content

Description: The United States encompasses a vast territory with different characteristics. Students need to recognize that their state's physical features do not necessarily mirror other states' physical features. In this lesson students will use 1) political maps to give directions utilizing a compass rose and to determine distance by using a scale and use 2) physical maps to complete a chart of geographical information relating to climate. This data can then be used to compare states.

Author: Brean Marinaccio **Grade Range:** 4 **Duration:** 2 class periods

[Teacher Instructions](#) [Student Worksheets, Assessments, and Answer Keys](#) [Map US \(with state names\)](#)
[Regions of the US Teacher's Key](#)

Other material that may be useful: [Map United States \(with state names\) to be assembled](#)

[Collection of Maps for Students in Grades 1 through 4](#) [Activities for Scrambled States of America from Macmillan.com](#)

New lesson!

[TALES FROM THE CRYPT: Learning about Geography and History from Your Local Cemetery](#)

Description: Cemeteries are unique resources for studying the peoples of an area. In this field experience, students will gather and evaluate information about cultural symbols, nationalities, lifespans, and gender issues in a specialized landscape, the cemetery. In this lesson, students will learn how cemeteries convey information about the history and geography of their communities. They will learn about symbols and regions commonly found in cemeteries. They will then explore a local cemetery and then report their findings in charts, graphs, and other written communications.

Author: Gale Olp Ekiss **Grade Range:** 6-12 **Duration:** 5 class periods

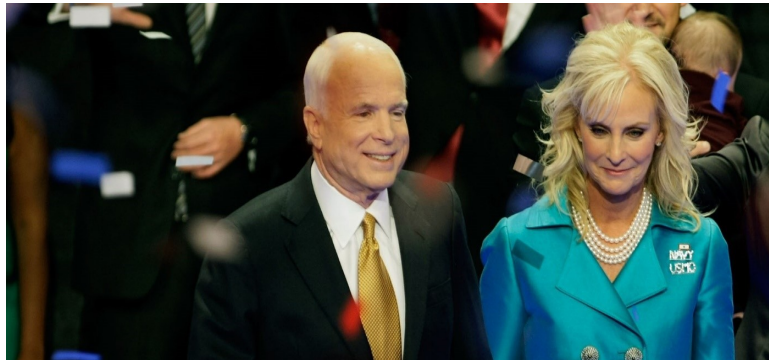
[Teacher Instructions](#) [Student Worksheets, Assessments, and Answer Keys](#) [Resource Sheet for Determining Nationalities](#)
[Student Writing Examples](#)

Supplemental Files: [Mesa City Cemetery Map](#) [Introduction to Cemeteries PowerPoint \(Large file - may take some time to download\)](#)

Related Links:

[Gravestone Symbolism](#)

ARIZONA PBS
ARIZONA STATE UNIVERSITY
EDUCATIONAL OUTREACH



An exceptional American and Arizonan has passed away. Thank you Sen. John McCain for giving decades of service to the USA. All programming on Arizona PBS will focus on the legacy Sen. John McCain. Watch 8.1 for special coverage. Children's programming will be available on 8.4 Arizona PBS KIDS 24/7.

Digital educational resources are available from Arizona Horizon, Cronkite News, and Arizona PBS LearningMedia to share Sen. John McCain's rich history of public service with your students.



Arizona Horizon - [Remembering John McCain](#)

Local interview segments with the Senator at Arizona PBS during his decades of service.



2016 Arizona Horizon U.S. Senate Debate

[McCain-Kirkpatrick Debate](#) moderated by Arizona Horizon Host Ted Simons.



Sen. John McCain's run for U.S. President
[John McCain | 16 for '16 - The Contenders](#)

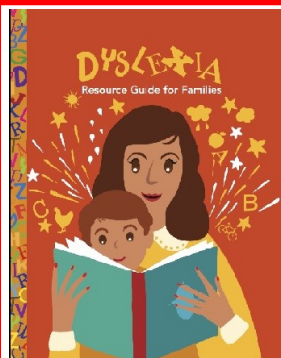
Use this interactive timeline to learn more about the life and politics of John McCain, including his "Straight Talk Express" and maverick campaign style.

Arizona Teachers Can Win \$500 From APS



Yesterday APS launched their "Supply My Class" Teacher Awards sweepstake. APS will award \$500 for school supplies to 1,000 Arizona K-8 public and charter...

[Read More](#)



Dyslexia Resource Guide for Families Now Available!

Download and share the Dyslexia Resource Guide for Families, a new, parent-friendly resource for families with children 0-12 who want to learn more about dyslexia, what dyslexia might look like in their child and what they can do to support their child if they have dyslexia. [Download the free pdf here.](#)

Read On Arizona extends our sincere appreciation to The Burton Family Foundation for its generous support of the printing and outreach of the *Dyslexia Resource Guide for Families*.

Trauma Resources (from Sandi Cimino, presenter at SEATA)

The Sanford Inspires Program at ASU offers a wealth of free, online resources to teachers.

Steps:

1. Go to <https://sanfordinspire.org/>
2. Create a free account
3. Click on "On Demand Modules" in the toolbar at the top of the page.
4. Scroll through to see all the offerings or search specific terms (like "trauma") in the search box.



The pending *Arizona Department of Education History and Social Science Standards* include economics and financial literacy as one of the four core disciplines, and must be included in all disciplinary skills and processes, across all grades.

If you feel you lack the economics skills, or are rusty, we have TWO online resources for you, both **available here at no charge**.

- The High School Economics & Financial Literacy eTextbook by *Steven Reff*, and his companion interactive material for classroom projection.

These are great references for teachers of all grades across all the social studies, economics, business, and math.

Both are written by **Steven Reff**, retired Tucson high school AP Economics educator and former lecturer in the Economics Department at the University of Arizona. He was also winner of the UA student-selected Five-Star award for best faculty member, among many other awards.



The Safford City-Graham County Library offers amazing resources for teachers and students at no cost!

Library Cards Residents of Graham and Greenlee county are eligible for a free library card. Children under 18 must have a parent's or legal guardian's permission to get a library card.

Library Tours and ScienceCity Field Trips Library tours are available for classes with at least 2 weeks' notice. For more information, write to Victoria Silva at vsilva@saffordaz.gov. A limited number of hands-on ScienceCity field trips are available to K-6th classes visiting the library. For more information, write to Lesley Talley at ltalley@saffordaz.gov.

Online Tutoring Live, online tutoring for students in kindergarten through college is available daily from 2pm till midnight through Tutor.com on the library's website. Tutor.com is free to all students in Graham and Greenlee counties thanks to support from the Safford Library, the Greenlee County Library District and the United Way of Graham County.

Online Classes - Universal Class

Over 500 free online classes are available to library card holders. Courses include computer skills and teacher related courses for CEU credit. Remember, the classes are free **ONLY** if accessed through the library's website.

Language Learning - Mango Languages

User-friendly language learning is available for over 70 languages through Mango Languages. It includes 11 ESL options for those who are learning English. Remember, the classes are free **ONLY** if accessed through the library's website.

Academic Databases

Information-packed online databases from Gale and Britannica are available for elementary through high-school age children. With vetted information, no pop-up ads and clear citations, they offer a great research tool for students.

Tumblebooks, eBooks and downloadable audiobooks

Digital versions of many popular books for young children through teens are available through the library website. Tumblebooks targets younger children with colorful picture books and simple chapter books. Our eBook and downloadable audiobook collections include titles for tweens and teens.

Dolly Parton's Imagination Library

Thanks to funding from Arizona First Things First, all children in Graham and Greenlee counties are eligible to receive free books mailed to their home from birth until their 5th birthday. These high-quality books are theirs to keep and build their own home library.

Books, DVDs and Audiobooks

With approximately 45,000 items on the shelves, the library is sure to have something for you or your students. From picture books and children's audiobooks to nonfiction books and DVDs, we have great resources to support you in the classroom.

For more information or for a teacher tour/training, call 432-4165.

Who will help
me become
the man
I want to be?



**When you foster a teen,
you won't just change their life...**
they'll change yours forever.

Teens need families. Thousands of teens in foster care are looking for the support and encouragement that families provide — not just until they turn 18.

Help a teen reach their full potential. Become a foster parent.

www.TeensNeedYou.org



1.866.329.2312
www.ArizonasChildren.org
FosterTeens@arizonaschildren.org

In collaboration with:



From the Graham County Sheriff's Office....Text a Tip

"The Text a Tip" program allows a citizen to anonymously submit a crime tip to law enforcement in Graham County. This service was started as a combined effort between the Graham County Substance Abuse Coalition and local law enforcement agencies. It is administered by the Graham County Sheriff's Office Communications Division.

How it works:

- ◆ A citizen can text GRAHAMTIP to 79516 and type the message they want to submit.
- ◆ The message is then sent to the Graham County Sheriff's Office Communications Center.
- ◆ The message is sent anonymously so the dispatcher has no way of knowing who sent it.
- ◆ There is no caller ID on your message.
- ◆ The dispatcher will review the tip information and pass it along to the appropriate agency.
- ◆ It can be used to report drugs, gangs, violence, threats, bullying, vandalism, abuse, illegal dumping, etc.

We still encourage those needing to report in-progress emergencies to call 9-1-1.

Further information about the program can be obtained by contacting Sgt. Scott Howell at 928-792-5404 or showell@graham.az.gov.

Governor's Office of Youth, Faith and Family

"Healthy Families, Healthy Youth"

In 2016, Governor Ducey's Office of Youth, Faith and Family started a pilot program to help families avoid with the realities of addiction and the devastating effects on our children. The "Keep Them Safe" program brings 7th graders and their parents together for an evening of education and planning for strategies to face the stressors, risks and pressures presented to our kids on a daily basis. The program started with one school in each county. This year, it has expanded to include 53 districts throughout the state. Based on the early success of the pilot, we believe the program will continue to expand.

Information is available for all families in Arizona, whether they are in the county programs or not.

Please visit **KeepthemSafe.az.gov** to learn more about strategies to keep communication open and to take advantage of "teachable moments" regarding drug abuse and addiction.

Additionally, the following resources are available:

National Council on Alcoholism and Drug Dependence, Inc. - ncadd.org

National Helpline 1-800-662-HELP (4357)

National Institute on Drug Abuse—drugabuse.gov

Substance Abuse and Mental Health Services Administration—samhsa.gov

Grant Funding Alerts *It's never too early to start working on a grant!*

Name: Freeport-McMoRan STEM Innovation Grants

Who: K—12 Teachers, school administrators or parent volunteers/PTA officials

Amount: Up to \$5,000

Deadline: March 15 each year (window: Dec. 1—March 15)

http://www.freeportinmycommunity.com/schools/stem-grant

Name: Freeport-McMoRan Mini-Grants for Education (Get ready for the next cycle!)

Who: Teachers, school administrators or parent volunteers/PTA officials

Amount: \$100-\$500

Deadline: October 1, 2018 (window: May 1—Oct.1)

Link: <http://www.freeportinmycommunity.com/schools/mini-grants>

DonorsChoose.org Makes It Simple to Help Classrooms

DonorsChoose.org is an online charity that makes it easy for anyone to help students in need. Public school teachers from every corner of America post classroom project requests on this site.

Donors can find projects or classrooms that most inspire them and make a donation. When a project reaches its funding goal, DonorsChoose.org ships the materials to the school. You'll get photos of the project, a letter from the teacher, and insight into how every dollar was spent. Give over \$50 and you'll also receive a hand-written thank from the students. If you're a teacher looking for support for a classroom project, just go to Donors Choose.org and start your own account. The

Bill and Melinda Gates Foundation announced that it will match \$1 million in donations to DonorsChoose.org. Donors need to enter the code JUMPSTART to have their donation matched.

Westinghouse Charitable Giving Program

<http://www.westinghousenuclear.com/about/community-and-education/charitable-giving-program/program-details-and-application-process>

The Westinghouse Charitable Giving Program enables our company to provide financial support to communities in one or more of our strategic areas of giving:

- Education with a focus on Science, Technology, Engineering and Math (STEM)
 - Environmental Sustainability Community Safety and Vitality

Innovative Educator Grant

<https://scholarsapply.org/fbol-innovativeeducatorprize>

One-time awards of up to \$10,000 per project will be granted. Total distribution is up to \$200,000.

Awards are made payable to the school, specifically for use on the proposed project.

Funds may be used for: technology, professional development, curriculum, software, curriculum, classroom supplies, and related materials. Funds may not be used for facility costs or salary or payroll expenses. Recipients are required to submit an accountability report including verification of funds used and measurable outcomes at the conclusion of the school year.

What does that mean?

Arizona Educational Acronyms

(continued from the August newsletter)

T

TANS – Tax Anticipation Notes

TBI - Traumatic Brain Injury

U

UA - University of Arizona

USD – Unified School District

USDOE - United States Department of Education

USFR- Uniform System of Financial Records

UOP – University of Phoenix

V

VI - Visual Impairment

VR - Vocational Rehabilitation

W

WCRSC – West Central Regional Service Center

X

Y

Yavapai County Education Service Agency (YCESA)

Yavapai County Education Foundation (YCEF)

Yavapai County Education Technology Consortium (YCETC)

YTP - Youth Transition Project

Z